
**METHOD AND APPARATUS FOR RESETTING PROGRAMMING
PARAMETERS WITHIN AN IMPLANTABLE MEDICAL DEVICE**

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Abstract of the Disclosure

An external programmer is provided with the capability of automatically resetting the programming state of an implantable medical device to a previous programming state. To this end, the pacemaker maintains parameters representative of current and past programming states. In response to a physician-initiated reset function using an external programmer, the pacemaker transfers information pertaining to the programming states to the external programmer along with a pointer identifying the current state. The physician selects one of the previous programming states and the external programmer then updates the pointer to identify the selected state and transmits the pointer back to the pacemaker. The pacemaker accesses the programming parameters stored therein corresponding to the programming state identified by the new pointer and is reprogrammed. Accordingly, the programming state of the pacemaker is reset to the previous programming state without requiring manual reentry of the parameters. The external programmer may also be configured to enable the physician to modify parameters or to display differences between two or more programming states of the medical device. Also, the external programmer may be configured to enable the physician to merge parameters from two or more programming states to create a new programming state.

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